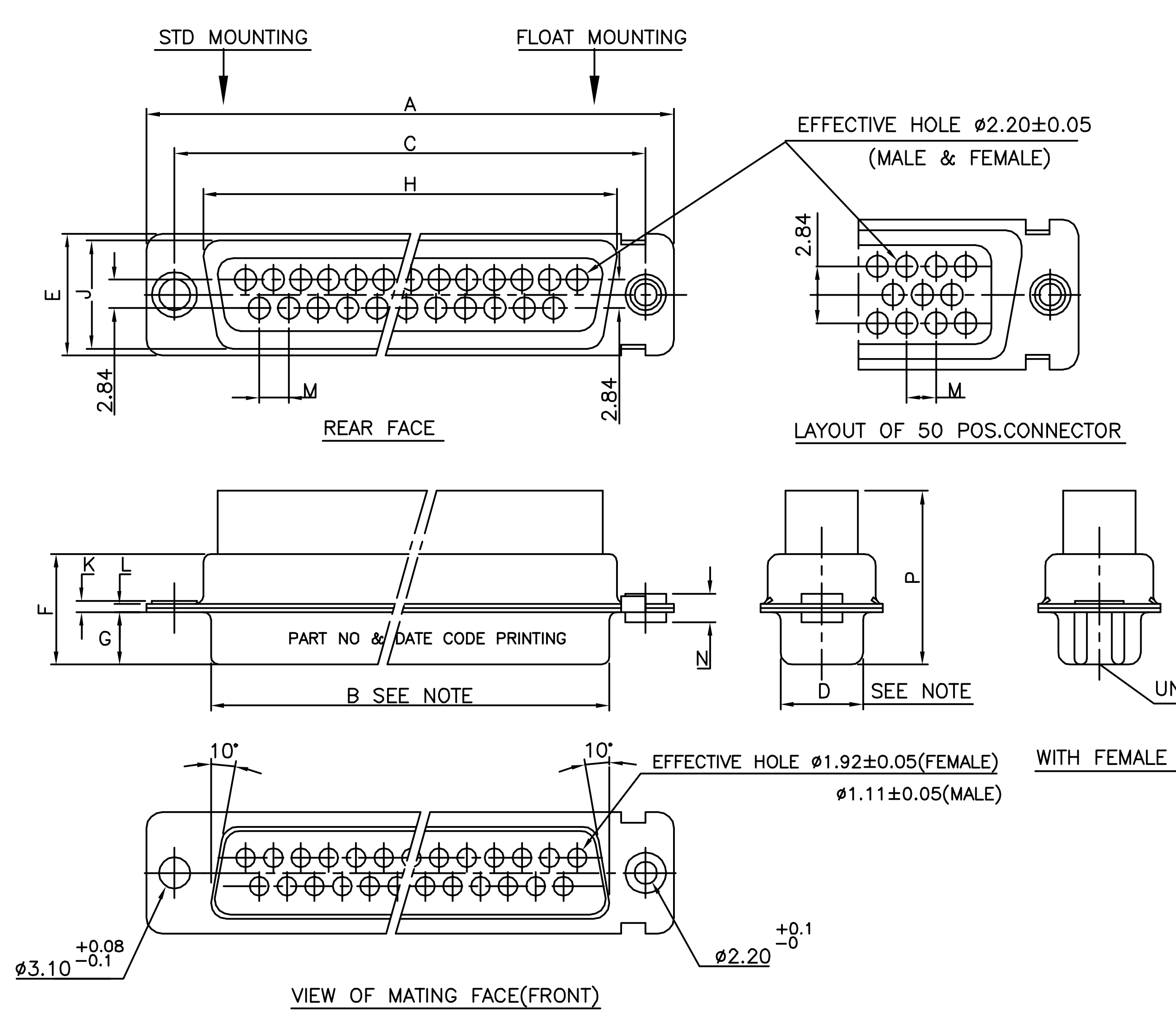


SHELL SIZE	TYPE OF MOUNTING	MOUNTING POSITIONS	X±0.1	Y±0.1	R±0.1	S +0.1 -0	T±0.1
50	STD	FRONT	58.30	15.80	61.11	3.20	2.10
		REAR	56.30	14.10	61.11	3.20	3.30
	FLOAT	FRONT	59.20	16.60	61.11	2.20	2.10
		REAR	57.20	14.40	61.11	2.20	3.30
37	STD	FRONT	60.70	13.00	63.50	3.20	2.10
		REAR	59.10	11.40	63.50	3.20	3.30
	FLOAT	FRONT	61.50	13.80	63.50	2.20	2.10
		REAR	59.80	12.20	63.50	2.20	3.30
25	STD	FRONT	44.30	13.00	47.04	3.20	2.10
		REAR	42.50	11.40	47.04	3.20	3.30
	FLOAT	FRONT	45.10	13.80	47.04	2.20	2.10
		REAR	43.30	12.20	47.04	2.20	3.30
15	STD	FRONT	30.50	13.00	33.32	3.20	2.10
		REAR	28.80	11.40	33.32	2.20	3.30
	FLOAT	FRONT	31.30	13.80	33.32	2.20	2.10
		REAR	29.60	12.20	33.32	2.20	3.30
09	STD	FRONT	22.20	13.00	24.99	3.20	2.10
		REAR	20.50	11.40	24.99	3.20	3.30
	FLOAT	FRONT	23.00	13.80	24.99	2.20	2.10
		REAR	21.30	12.20	24.99	2.20	3.30
			DIMENSIONS				

TABLE 2

SHELL SIZE		A +0.76 -0	B +0.25 -0	C +0.12 -0	D +0.25 -0	E +0.76 -0	F MAX	G +0.15 -0	H +0.51 -0	J +0.51 -0	K±0.20	L +0.22 -0	M±0.06	NMAX	PMAX
50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0	2.76	3.05	17.35
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8	2.76	2.85	17.44
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	57.45	10.46	1.50	1.0	2.76	3.05	17.35
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	57.45	10.46	1.10	0.8	2.76	2.85	17.44
25	P	52.65	38.84	47.04	8.23	12.17	11.07	5.85	41.02	10.46	1.10	0.8	2.76	2.85	17.35
	S	52.65	38.25	47.04	7.77	12.17	11.21	6.05	41.02	10.46	1.10	0.8	2.76	2.85	17.44
15	P	38.76	25.12	33.32	8.23	12.17	10.99	5.85	27.25	10.46	1.10	0.8	2.74	2.85	17.35
	S	38.76	24.54	33.32	7.77	12.17	11.21	6.05	27.25	10.46	1.10	0.8	2.74	2.85	17.44
09	P	30.43	16.79	24.99	8.23	12.17	10.99	5.85	19.02	10.46	1.10	0.8	2.74	2.85	17.35
	S	30.43	16.21	24.99	7.77	12.17	11.21	6.05	19.02	10.46	1.10	0.8	2.74	2.85	17.44

NOTE:-INSIDE DIM. OF MALE AND OUTSIDE DIM. OF THE FEMALE CONNECTOR.

ORDERING INFORMATION

8656 O 25 P L H T X XXX LF

- SERIES
- OPTIONS-1
  - BLANK-STANDARD MOUNTING
  - O-CLINCH NUT (UNC)
  - L-CLINCH NUT (M3)
  - V-FEM. SCREW LOCK HEX. (UNC)
  - W-RIVETED FEM. SCREW LOCK ROUND UNC
  - N-THREADED FEM. SCREW LOCK M3
  - F-FLOAT MOUNTING
- NO.OF CONTACTS
  - 09,15,25,37,50
- CONTACTS
  - P - PIN
  - S - SOCKET
- LEAD FREE
- SPECIAL CODES
- DIMPLES
  - X-ON MALE CONNECTORS ONLY
- SHELL PLATING
  - BLANK-ZINC PLTG.
  - T-STD. TIN PLTG.
- OPTIONS-2
  - BLANK-STD. W/O ACCESSORIES
  - H-SHIELDING TERMINATION FINGERS
- OPTIONAL
  - L-SUPPLIED W/O CONTACTS (OBLIGATORY)

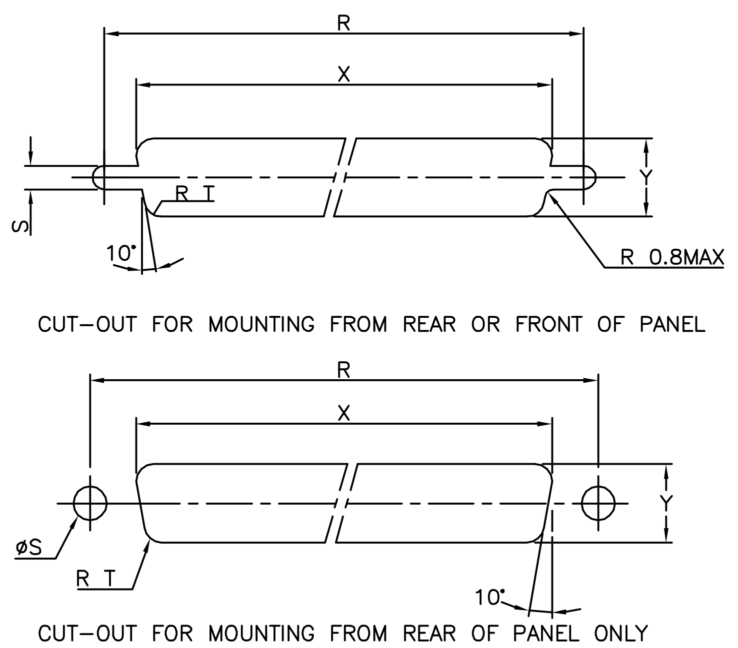
TECHNICAL SPECIFICATIONS

SHELLS	:	TIN/CADMIUM/ZINC PLATED STEEL
INSULATOR MATERIAL	:	SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
CONTACTS DIA ON ACTIVE AREA	:	ø1 MM.
CONTACTS MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GOLD OVER NICKEL (ACTIVE ZONE) TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	:	2 µ MIN.MATTE TIN TOP OVER 1.27 µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
OPERATING TEMPERATURE	:	-55°C TO +125°C
OPERATING CURRENT	:	5 A PER CONTACT
CONTACT RESISTANCE	:	≤10mΩ
INSULATION RESISTANCE	:	>5000 MΩ IN AMBIENT CONDITIONS.
MAXIMUM VOLTAGE	:	1000 V.r.m.s
MECHANICAL ENDURANCE	:	200 MATINGS (Au FLASH)
DAMP HEAT	:	21 DAYS
WIRE SIZE	:	AWG 20/24 OR AWG 24/28
CONTACTS	:	CRIMP REMOVABLE
MAX DIA OF WIRE	:	1.52mm (AWG 20/24) 1.02mm (AWG 24/28)

"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

Packaging as per GS-14-920

PANNEL CUTOUTS



SEE TABLE 2

INDEX	DATE	REVISION DESCRIPTION
d	23/12/2004	LEAD FREE DETAILS ADDED

Itr	Ecn no	Dr	date
d	I04-0127	GVJ	23/12/04

Material.	SEE SPEC.	Spec ref.	
Mat code.	—	Tolerance LINEAR ±0.1 ANGULAR ±1°	Projection
Heattreat.	NA		MM
Plating/Finish.	NA		

Dr	Mini K Vandanath	20/03/1999		Size A3 / Scale
Eng	Soji C A	20/03/1999	Product Family 8656	
Chr	George V Joseph	23/12/2004	Model Name	ECN
Appr	K Somasundaram	23/12/2004	Model Revision	REL Level

FCI

Title: D-SUB CRIMP CONNECTOR

Dwg no: C-DSUB-0071

Rev. d

Catalog no

CAD File: C:\Engineering\D SUB

Sheet 1 of 1

PDM: Rev:D STATUS:Released Printed: Nov 30, 2005